<u>VV&A TWG Minutes of 5 January 1996</u>

1. TWG attendance:

Dr. Patricia Sanders, Chair	William Dunn, Army Rep
MAJ Bill Cabrera, Marine Corps Rep	Jim Weatherly, Navy Rep
Ray Miller, Air Force Rep	Priscilla Glasow, DMSO Rep
Larry Cantwell	Dennis Shea
Francis Cline	LCDR Dave Hattery
Jim Sikora	Gary Coe
CDR Steve Petri	Larry Staudmeister
David Reed	Dr. Ernie Page
Dr. Dale Pace	

2. The following were also in attendance:

Dr. Judith Dahmann, DMSO Chief Scientist

Bob Lutz	Mike Keeley
Jeff Rothenberg	Jim Carr
Mike Borowski	Mike Hopkins
Dale Atkinson	

3. Dr. Pat Sanders convened the meeting at 0930. Mrs. Priscilla Glasow began the agenda with a presentation of DMSO's VV&A strategy for FY96. The central focus of the strategy is the development of a VV&A Recommended Practices Guide, which will include fundamentals of VV&A, a generic VV&A process, strawman procedures, and common reporting formats. The TWG will continue to play a major role in the review and assessment of the Guide as it is developed. Another new aspect of the VV&A strategy is the development of a VV&A Assessment Team (VAT) to provide a programmatic perspective in developing the recommended practices and assessing them against new and existing VV&A efforts. It was noted that the development tasks for VV&A tools, training, and technical support services remain viable, but have been delayed to FY97 due to the revised VV&A strategy for FY96. Specific input and recommendations were requested of the TWG on the generic VV&A process and the choice of candidate assessment programs for possible inclusion in the VAT.

4. Dr. Judith Dahmann, DMSO Chief Scientist, provided a comprehensive and most informative review of the High Level Architecture. A copy of her brief is attached to these minutes. Dr. Dahmann's brief provided both an introduction to the Common Technical Framework, as well as more detailed responses to specific questions from TWG members. The purpose of the brief was to provide the VV&A TWG with a working knowledge of the HLA, as the VV&A effort will support the HLA throughout. In particular, a draft VV&A generic process has been developed and was provided for TWG comment. The process diagram

integrates a generic VV&A process with the Federation Execution Development Process. Other new linkages between the HLA and VV&A efforts is the assignment of DMSO's VV&A program manager to the HLA Technical Support Team. The VV&A Technical Support Team will develop an annex to the HLA Baseline Definition later in the year, for TWG review and comment.

5. Mr. Jeff Rothenberg from RAND discussed DMSO's initiatives in the VV&C of data.   A copy of his presentation is attached to these minutes.

6. Final presentations for the day included various reports from TWG members on analyses of how the Accreditation Support Database (ASD) might be applied.   a. Mrs. Priscilla Glasow provided a short overview of the DMSO Data Team's analysis of the ASD's applicability and transferability into the MSRR.   There is some duplication of information between the ASD and the MSRR, however, the ASD provides a useful starting point for determining information requirements. The VV&A Technical Support Team is tasked with working with the MSRR teams to define VV&A information requirements. The VV&A TWG will also be asked to provide input to this effort. Responsibility for the ASD has been transferred from VV&A to the MSRR.
        b. Mr. Ray Miller briefed on the application of the ASD to the campaign model community, noting that while the ASD is inclusive of the required information, the campaign model community would obtain model information directly from the model proponents, vice through a database.
        c. Mr. Bill Dunn presented possible applications within the training community. His primary point was that training validation is made to specific standards, which was contended as "not a real world problem." Bill also noted concern among those he interviewed, in contracting a database function outside of the Service. Limited discussion questioned the validity of training standards as something unique from other real world problems.
        d. Mr. Dennis Shea provided a discussion of mapping of V&V testing to an ASD format, using information gained from a comparison performed by CNA of ACETEF data with live test data.
        e. CDR Steve Petri closed the meeting with a most informative report from an engineering simulator's point of view.
Copies of the above presentations are attached to these minutes. Also attached are briefing comments from Mr. David Reed, although time did not permit his full presentation.

7. The next meeting of the VV&A TWG is scheduled for 0900, 7 February at the Test and Evaluation Center, 8th floor, IDA, 2001 N. Beauregard Street, Alexandria, Virginia. Principal agenda items for the meeting include discussion and formulation of the TWG's input on the generic VV&A process and a review and recommendations for the candidate assessment programs which should be included in the VAT.

w/enclosures